



Sustainability Opportunities

Let us know if you'd like more information. (Red font = JSC internal event)



Here are your **December 2014 Sustainability Opportunities** at the Johnson Space Center and in the greater Houston area. Please participate, and contact JSC-Sustainability@mail.nasa.gov with additional opportunities.

Get this electronically at <http://www.nasa.gov/centers/johnson/about/sustainability/index.html>

Within this notification:

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A Look Back before we Look Ahead...

JSC Hosted National Climate Preparedness Pilot



On Oct 6th, 93 local, State, regional, Federal, private sector, NGO, and academic participants attended the "National Exercise Program Houston Climate Change Preparedness and Resilience Workshop". Mayor Annise Parker challenged participants to think broadly about the future and how to identify measures the group can take today to mitigate those impacts. Four major points were: 1) align natural and built systems, 2)

identify critical interdependent lifelines vital to development of comprehensive strategies, 3) provide strategic messaging on climate change risks, opportunities, and potential solutions, and 4) coalesce around the desire for a more coordinated approach. NASA JSC and the City of Houston will co-lead the effort in unifying the community to unite around these outcomes.

2014 Monthly Sustainability Focus Areas

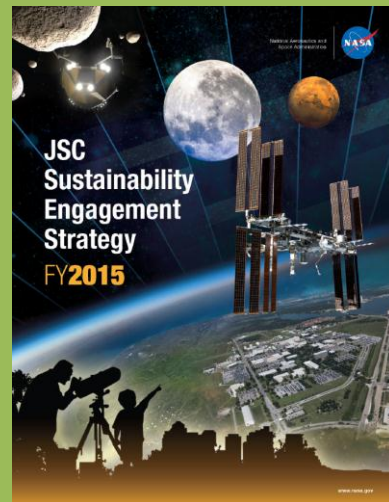
- Jan - Feb = **LAND**
- Mar - Apr = **WATER**
- May - Jun = **PEOPLE**
- July - Aug = **AIR**
- Sept - Oct = **ENERGY**
- Nov - Dec = **MATERIALS**

Every Month

Join the Fun & Educational Sustainability Activities related to our JSC Sustainability Model

Check out all the Red Font activities on the following pages!!

Do you know what "Sustainability" actually means? Read our JSC Sustainability Engagement Strategy!!



In our JSC Sustainability model, there are 6 natural resources we're trying to protect while meeting our mission objectives here at JSC.

Employees can find out more at our internal JSC Sustainability Webpage!



You're making a difference in our JSC Annual Sustainability Report!!





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Upcoming Events

- **Dec 3rd: Houston Green Office Challenge Holiday Happy Hour**
 - 5:30 – 7:30PM
 - OKRA Charity Bar, 924 Congress
 - Snacks provided
 - POC: Todd Feist, tfeist@irem.org
- **Dec 6th: Holiday Watershed Market**
 - 10:00AM – 4:00PM
 - Green, Local, Adaptive, Sustainable, Innovative, Reusable Gifts
 - www.watershedmarket.com
- **Dec 7th: Sunday Streets HTX**
 - For four hours one Sunday/month, selected Houston streets are closed to motorized traffic allowing us to cycle/walk/run/dance/socialize *in the street*.
 - 12:00PM – 4:30PM
 - East End/Fifth Ward Route – (Navigation/Jenson to York/Clinton)
 - <http://www.gohealthyhouston.org/sundaystreetshtx/>
- **Dec 9th: JSC Environmental Brown Bag - Armand Bayou Nature Photography**
 - <https://www.flickr.com/photos/gseloff/sets/72157644689165810/>
 - 12:00-1:00PM
 - B45 CR751
 - POC: Michelle Fraser-Page
- **Dec 10th: JSC Sustainability Partnership Team Bi-Monthly Meeting**
 - 3:00 – 4:30PM
 - B45/751
 - POC: Mike Ewert
- **Dec 10th: 1958 Open House and Holiday Reception**
 - Bring your curiosity & your team over to eat and explore your collaborative space
 - 10:00AM – 2:00PM
 - At the new 1958 coworking space in building 56 & 57
 - <http://centerops.jsc.nasa.gov/blog/2014/11/1958-open-house-bldg-5657/>
- **Dec 11th: Everything Natural Lunch Series “Holiday Gifts the Natural Way”**
 - Sponsored by the Houston Audubon Society
 - 11:30AM – 1:30PM
 - Historic Log Cabin at the Edith Moore Sanctuary in West Houston
 - Participants will be creating beautiful feather print cards, grapevine holiday wreaths, photo and holiday card baubles and more. **Pre-registration required.**
 - www.houstonaudubon.org
- **Dec 17th: JSC Green Team Meeting – Cycling To/Through JSC, Progress & Teams**
 - 1:00 – 2:00PM
 - B57 CR107 (TBC)
 - POC: Janice Makinen
- **Jan 29th, 2015: Citizens’ Environmental Coalition hosts the Texas Premiers of the Wild & Scenic Film Festival Tour**
 - Tickets available soon.
 - <http://www.wildandscenicfilmfestival.org/on-tour/>



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Featured Story “Sustainable Holidays”

The holidays are a wonderful time to enjoy connecting with those we love. However, our waste numbers increase by about 25% during this time as well. Let's think about a few ways to do things differently this year and give our Mother Earth a gift, too.

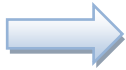
- When decorating, **use natural products** for your wreaths, ornaments, etc. and recycle them when you're done.
 - http://www.houstontx.gov/solidwaste/christmastree_recycling.html
- Send **greeting cards made from recycled paper** or better yet **send your greetings electronically**.
- **Purchase and/or reuse gift bags.**
 - Gift bags can often be reused, and are a BIG time savings over wrapping presents with (often single-use) wrapping paper.
 - If you have to use wrapping paper, look for recycled-content paper.
- **Instead of new gifts, have a White Elephant exchange** with your friends and family.
 - This is reutilization at its finest. Everyone brings something they no longer need (like that quesadilla maker, clothes, toys, or mugs).
 - Everyone draws a number, and gets to steal gifts from each other.
 - It makes for a funny, memorable gift-exchange instead of just buying more stuff!
 - Learn more about our crazy addiction to stuff at:
<http://storyofstuff.org/movies/story-of-stuff/>
- **Give the gift of time.**
 - Whether it's a coupon book for a movie date or unloading the dishwasher or taking time to prepare a homemade treat, this is a supply that's rarely wasted and requires very little natural resource to sustain.
- **Use LED lights** to decorate, and recycle your old or broken lights in e-cycle events.
 - These are now widely available and use a fraction of the electricity of conventional incandescent lights.
- **Use real serving ware** for your parties (plates, utensils, glasses, etc.) as opposed to buying the disposable ones.
 - Yes, it does take more time to wash, but it will also make your party a bit fancier by allowing your guests to eat and drink out of the real stuff.
- **References:**
 - Take the Pledge to Simplify the Holidays at
<http://act.newdream.org/page/s/simplify-holidays-pledge-2014>
 - <http://www.amnh.org/our-research/center-for-biodiversity-conservation/what-you-can-do/green-your-holidays>
 - <http://storyofstuff.org/blog/reclaiming-the-holidays/>





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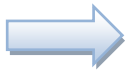
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How can I be more sustainable?

Calculate your ecological footprint! How many Earth's does it take to sustain your lifestyle if everyone in the world lived like you?

<http://www.footprintnetwork.org/en/index.php/GFN/page/calculators/>



Internal NASA Links

JSCs Internal Sustainability Webpage

(also accessible via the JSC Internal Homepage → Around JSC → Sustainability Initiatives)

<http://jsc-web-www6.jsc.nasa.gov/ja/ja13/capp.cfm>

JSC Photos of the Natural Champions Meet Up, Earth Day 2014 and local wildlife

<http://io.jsc.nasa.gov/app/browse.cfm?cid=55905&ord=4&&pn=3&rpp=25&ct=1>

<https://io.jsc.nasa.gov/app/browse.cfm?cid=49948>

<https://io.jsc.nasa.gov/app/browse.cfm?cid=51063&&pn=1&rpp=25&ct=1>

How do I monitor the energy usage in my JSC building?

<http://ebiem:8080/idashboards/?guestuser=guest>

JSC Environmental Brown Bag Presentations

<http://jsc-web-www6.jsc.nasa.gov/bbs/scripts/>

(Scroll down to “Environmental Brown Bag”)

JSC Environmental Newsletter Archives

<https://jsc-web-www6.jsc.nasa.gov/ja/ja13/greeneride.cfm>